**Homework Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Undefined Values Period: \_\_\_\_\_\_\_\_Advisor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Failure to show all work will result in a LaSalle.**

|  |  |  |  |
| --- | --- | --- | --- |
| For numbers 1 – 6, find the value(s) of x that make the following expressions undefined. | | | |
| 1) | 2) | | 3) |
| 4) | 5) | | 6) |
| 7) When the expression is undefined, what is the value of ? | 8) When the expression is undefined, what is the value of ? | | 9) When the expression is undefined, what is the value of ? |
| Find when numbers 10 – 11 are undefined. Complete the chart and graph solution on the number line. | | | |
| 10)   |  |  |  | | --- | --- | --- | | x |  | Possible? | | **3** |  | **NO!** | | 4 |  |  | | 6 |  |  | | 8 |  |  | | | | |
| 11)   |  |  |  | | --- | --- | --- | | x |  | Possible? | | – 6 |  |  | | – 3 |  |  | | – 2 |  |  | | 2 |  |  | | | | |
| 12) When is the following expression undefined? | | 13) When is the following expression undefined? | |